

*A1*  
*Control*

a plurality of electromagnets formed having different geometrical group cell patterns on the fixed plate.

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3. (Amended) The system according to claim 1, wherein the geometrical group cell patterns include first and second group cell patterns that are separately controlled.

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4. (Amended) The system according to claim 3, wherein the first group cell pattern includes at least a first group of the plurality of electromagnets having one of a triangular, pentagonal, and hexagonal array pattern.

5. (Amended) The system according to claim 4, wherein the second group cell pattern includes at least a second group of the plurality of electromagnets having one of a triangular, pentagonal, and hexagonal array pattern.

6. (Amended) The system according to claim 5, wherein the first group cell pattern of the plurality of electromagnets is independently controlled from the second group cell pattern of the plurality of electromagnets.

7. (Amended) The system according to claim 1, wherein the geometrical group cell patterns include first and second group cell patterns that include a matrix array pattern of the plurality of electromagnets.

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8. (Amended) The system according to claim 1, wherein the geometrical group cell patterns include first and second group cell patterns that include a hexagonal array pattern of the plurality of electromagnets.

Please add the following new claims:

9. (New) The system according to claim 1, wherein the geometrical group cell patterns include a first cell pattern disposed along an outer perimeter of the fixed plate, and a second group cell pattern disposed within a center portion of the fixed plate.

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10. (New) The system according to claim 9, wherein the first and second group cell patterns are individually controlled.

11. (New) The system according to claim 1, wherein the geometrical group cell patterns includes a first group cell pattern disposed along even-numbered rows, and a second group cell pattern disposed along odd-numbered rows.

12. (New) The system according to claim 11, wherein the first and second group cell patterns are individually controlled.

13. (New) The system according to claim 1, wherein the geometrical group cell patterns includes a first group cell pattern disposed in a first matrix arrangement around an outer perimeter of the fixed plate, and a second group cell patterns disposed in a second matrix arrangement different from the first matrix arrangement within a center portion of the fixed plate.

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Cont'd

14. (New) The system according to claim 13, wherein the first and second group cell patterns are individually controlled.

15. (New) The system according to claim 13, wherein the second matrix arrangement includes a circular arrangement around the center portion of the fixed plate.

16. (New) The system according to claim 15, wherein the first and second group cell patterns are individually controlled.

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